

## IN THE SPECIFICATION

Please amend the Title as follows:

Dependence-Chain Processing ~~Processor~~ Using Trace Descriptors Having Dependency Descriptors

Please amend paragraph 0056 as follows:

[0056] Another embodiment would implement the dependency chain processor in software (e.g., microcode or higher level computer languages). The software implementation may also be used to run simulations or emulations of the dependency chain processor. A software implementation may be stored on a machine readable medium. A "machine readable" medium may include any medium that can store or transfer information. Examples of a machine readable medium include a ROM, a floppy diskette, a CD-ROM, an optical disk, a hard disk, ~~a radio frequency (RF) link,~~ etc.